

Weekly Metrics for July 27 – August 2, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	0.9	A
			GES DAAC	0.9	1x Baseline	0.9	A
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC	41	1x Baseline	35	W
			NSIDC	41	1x Baseline	35	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	89	M, U M, U M, U
		L1 Prod	GES DAAC	807	Various	305	
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	64	
		Archive	GES DAAC	1,012	Various	461	
		Distribution	GES DAAC				
		Testing/QA		99	IT Requirements	0	
	AMSR-E	Production				89	G V
		End users		471	Various	0.2	
		Data Pool				658	
		L0 Ingest	NSIDC	10	1x Baseline	6	
		L1 Ingest	NSIDC	9	Various	8	
		L2-L3 Prod	GHRC	38	2.03x Baseline	0	
	CERES	Archive	NSIDC	67	Baseline	14	C C
		Distribution	NSIDC				
		Production				0.1	
		End Users		35	1.015x Baseline	0	
		Data Pool				8	
	MODIS	Testing/QA	ASDC	169	Various	Included	See Footnote S
		End Users	ASDC	1,421 109	IT Requirements 1.015x Baseline	In Terra CERES	
		L0 Ingest	GES DAAC	518	1x Baseline	509	M M, R M, R M, R M, R
		L1 Prod	GES DAAC	5,047	Various	2,989	
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	1,832	
		Archive	LP DAAC	3,516	Various	1,059	
			GES DAAC	8,015	Various	4,187	
			NSIDC	426	Various	83	
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	195	
		Data Pool				0	
	MODIS	Distribution	GES DAAC				G V
		Testing/QA		362	IT Requirements	0	
		To MODAPS/LaRC				2,892	
		End Users		4,157	1.015x Baseline	1,196	
		Data Pool				34	
		Distribution	NSIDC				
	MODIS	End User		284	1.015x Baseline	0	G V
		Data Pool				0	
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.4	D
		Distribution	ASDC			0	
		Production				0	
		End Users		0.02	1.015x Baseline	0.1	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0.2	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	728	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	101	E
		L1B Archive	LP DAAC	271	1.015x Baseline	829	E

Terra (12/99)		L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC LP DAAC LP DAAC	1,221 2,173 1,221	3.045x Baseline Various 1.015x Baseline	113 943 2,048 201 0	E E G, O, P V
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline	627 0 57	S G, O
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	253 682 72 1,007 101 653 594 0.1	F F F G, O V
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC PO DAAC NSIDC LP DAAC GES DAAC PO DAAC NSIDC	518 7,570 12,789 7,034 12,990 0 853 23 2,345 362 4,157 0 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) Various (L2-L3) IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline Baseline 1x Baseline	556 15,859 12,427 9,964 18,481 21 422 0 1,463 0.2 191 14,739 2,041 184 1 82 0	I I, Q G, O V G V G, O V
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 0 0 2 21 25 8	J J J G, O V
	Landsat-7 (4/99)	Archive Distribution	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	1,048 27	X
	Jason-1 (12/01)	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	28 27	K
	QuikScat (6/99)	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	21 354	K
	TOPEX (8/92)	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0 7	K
Other Missions	AVHRR	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	0 59	L

Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. Regular delivery of AMSR-E L1A data to US from NASDA resumed on June 19. No L2 or 3 data currently was sent from the AMSR-E SIPS for archival.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. No reprocessing has been done this week.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. Has not received any L1 or L2 products from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. HSB is still in survival mode.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19 and only engineering data have been collected. The replacement laser is not expected to be turned on until late August or early September.
- X. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The data collected are archived, but are not available for processing or data ordering.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.